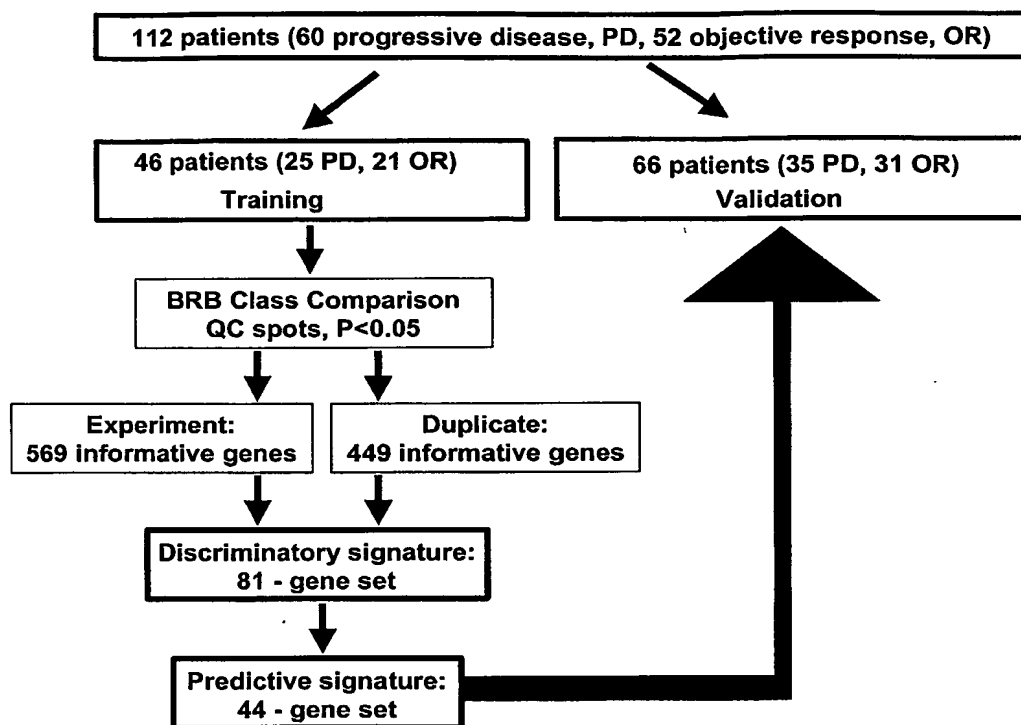


WO 2005/054510

PCT/IB2004/004405

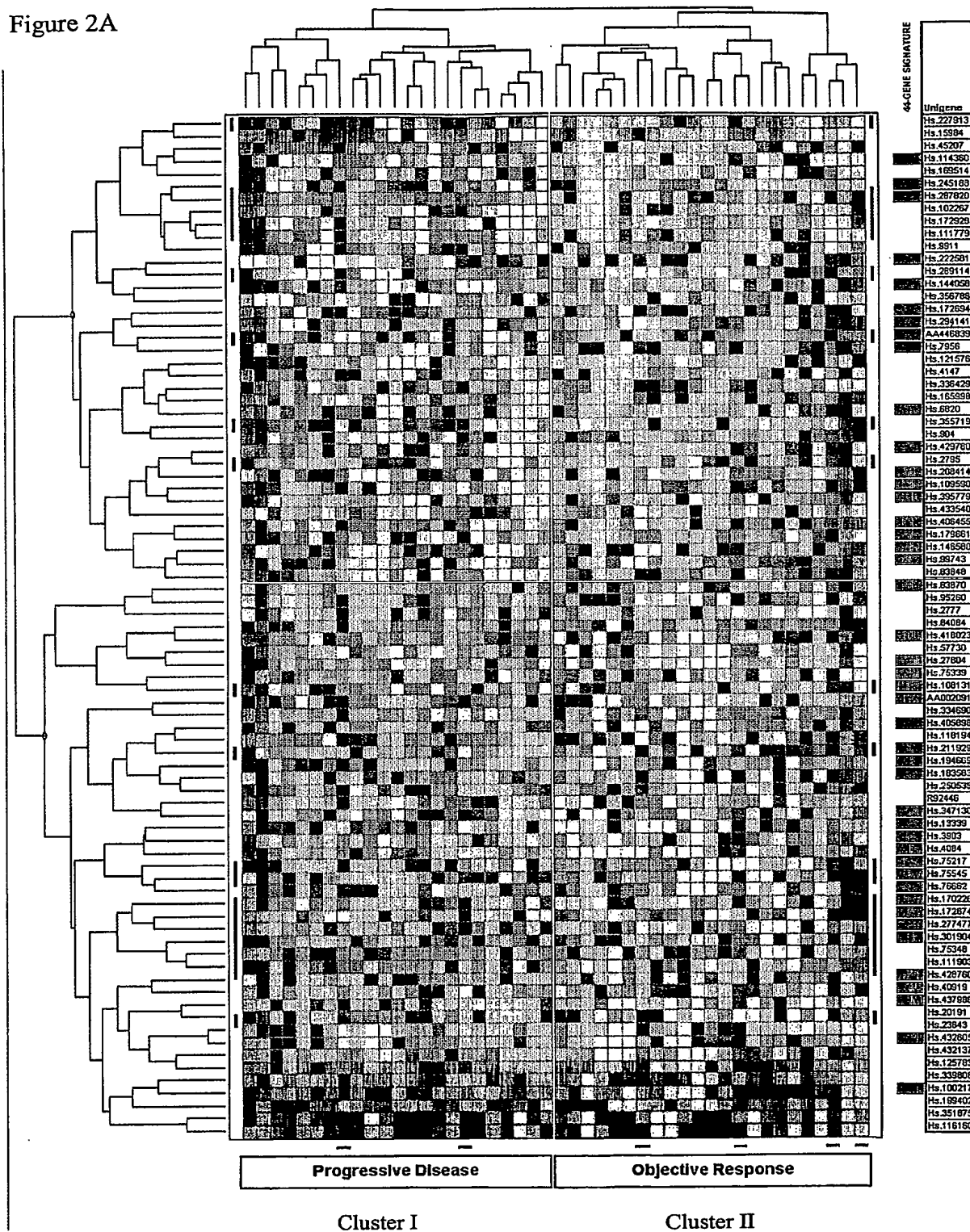
Figure 1



WO 2005/054510

PCT/IB2004/004405

Figure 2A



WO 2005/054510

PCT/IB2004/004405

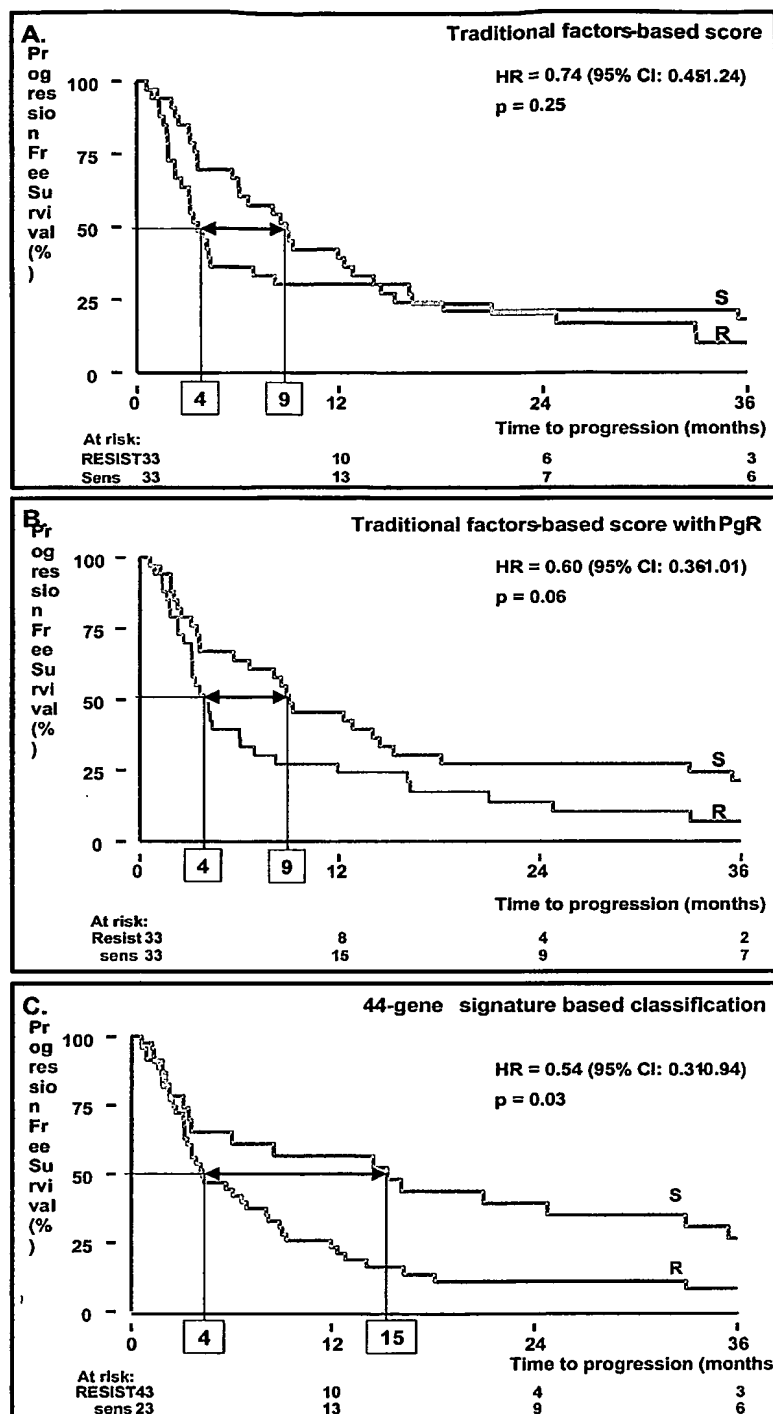
Figure 2B

| 44-GENE SIGNATURE | Unigene | Gene Symbol | Location | SWISSPROT Keywords | ER regulation |
|-------------------|-----------|--------------|----------------|--|---------------|
| | Hs.227913 | AP5 | 11p12-q12 | | |
| | Hs.15994 | LOC51186 | Xq22.1 | | 8 |
| | Hs.45207 | CHD6-pending | 20q12 | | |
| | Hs.114360 | TSC22 | 13q14 | Transcription regulatory; Repressor; Nuclear protein. | 21 |
| | Hs.169514 | | | | |
| | Hs.245188 | TMP3 | 22q12.3 | Metalloprotease inhibitor. | 19 |
| | Hs.287920 | FN1 | 2q34 | Cell adhesion. | |
| | Hs.102267 | LOX | 5q23.2 | | |
| | Hs.172928 | COL1A1 | 17q21.3-q22.1 | Extracellular matrix. | |
| | Hs.111779 | SPARC | 5q31.3-q32 | Extracellular matrix. | 17 |
| | Hs.8911 | FLJ11773 | 12q13.13 | | |
| | Hs.222581 | | | | |
| | Hs.289114 | TNC | 9q33 | Extracellular matrix; Cell adhesion. | |
| | Hs.144058 | DKFZPS64C103 | 17q25.2 | | |
| | Hs.358788 | GNAQ | 9q21.2 | | |
| | Hs.172894 | LOC117584 | 17q12 | | |
| | Hs.234141 | SMARCA4 | 19p13.3 | | |
| | AA445639 | BNP3 | 10q26.3 | | |
| | Hs.7958 | | | | |
| | Hs.121576 | MYO1B | 2q12-q34 | Myosin; ATP-binding; Actin-binding; Calmodulin-binding. | |
| | Hs.4147 | TRAM | 8q13.1 | Endoplasmic reticulum; Transmembrane; Glycoprotein. | 17 |
| | Hs.316429 | OABARAPL1 | 12p13.31 | | |
| | Hs.165998 | PALF8P1 | 1p31-p22 | | |
| | Hs.6820 | CFP1 | 10p11.21 | | 8 |
| | Hs.355719 | NPM1 | 5q35 | Nuclear protein; Phosphorylation; RNA-binding; Proto-oncogene. | |
| | Hs.804 | AGL | 1p21 | Glycogen biosynthesis; Glycosyltransferase. | |
| | Hs.429780 | | | | |
| | Hs.2795 | LDHA | 11p15.4 | Oxidoreductase; NAD; Glycolysis. | 20 |
| | Hs.208414 | | | | |
| | Hs.109590 | GENX-3414 | 4q24-q25 | | |
| | Hs.335779 | CAMTA1 | 1p36.23 | | |
| | Hs.433540 | DNAJC8 | 1p35.2 | Chaperone. | |
| | Hs.408455 | PSAP | 10q21-q22 | Glycoprotein; Lysosome; Sphingolipid metabolism. | |
| | Hs.179861 | OKSW-cl.56 | 6p21.33 | Microtubule; GTP-binding. | |
| | Hs.146380 | ENO2 | 12p13 | Lyase; Glycolysis; Magnesium. | 17 |
| | Hs.89743 | | | | 18 |
| | Hs.83848 | TPH1 | 12p13 | Isomerase; Glycolysis; Gluconeogenesis; Fatty acid biosynthesis. | |
| | Hs.83970 | NEB | 2q22 | Actin-binding; Muscle protein; Cytoskeleton. | |
| | Hs.95250 | FAMBA1 | 6q22-q23 | | |
| | Hs.2777 | ITIH1 | 3p21.3-p21.1 | Serine protease inhibitor. | |
| | Hs.84084 | APFBP2 | 17q21-q23 | | |
| | Hs.418023 | | | | |
| | Hs.57730 | KIAA0133 | 1q42.13 | Hypothetical protein; Transmembrane. | |
| | Hs.27804 | | | | |
| | Hs.75339 | INPL1 | 11q23 | | |
| | Hs.108131 | CASP2 | 7q34-q35 | Hydrolase; Thiol protease; Apoptosis. | |
| | AAD02091 | CACH1 | 5q14.1 | | |
| | Hs.334630 | | | | |
| | Hs.405899 | KIAA0999 | 11q23.3 | | |
| | Hs.118134 | DBR1 | 3q22.3 | | |
| | Hs.211929 | TNO2 | 22q13.1 | Redox-active center; Electron transport; Mitochondrion. | 8 |
| | Hs.194653 | EZH1 | 17q21.31-q21.3 | Transcription regulatory; Nuclear protein; DNA-binding. | |
| | Hs.183593 | SERPBN1 | 6p25 | Serpin; Serine protease inhibitor. | |
| | Hs.250535 | RAB9EP | 17p13.2 | | |
| | R52448 | | | | |
| | Hs.347130 | FLJ22708 | 19p13.11 | | |
| | Hs.13339 | PRPSAP2 | 17p11.2-p12 | | |
| | Hs.3903 | CDC42EP4 | 17q24-q25 | Cytoskeleton. | 21 |
| | Hs.4084 | KIAA1025 | 12q24.22 | | |
| | Hs.75217 | MAP2K4 | 17p11.2 | Serine/threonine-protein kinase; Tyrosine-protein kinase. | |
| | Hs.75545 | IL4R | 16p11.2-12.3 | Receptor; Transmembrane; Glycoprotein. | |
| | Hs.76662 | APH2 | 10q24.1 | | |
| | Hs.170226 | FLJ8045 | 8q33.1 | | |
| | Hs.172674 | NFATC3 | 16q22.2 | Transcription regulatory; Activator; Nuclear protein; DNA-binding. | |
| | Hs.277477 | HLA-C | 6p21.3 | MHC I; Transmembrane; Glycoprotein. | 18 |
| | Hs.301804 | FLJ12871 | 1q21.3 | | |
| | Hs.75348 | PSME1 | 14q11.2 | Proteasome; Interferon induction. | 8 |
| | Hs.111903 | FCGR1 | 19q13.3 | IgG-binding protein; Receptor; Transmembrane; Glycoprotein. | |
| | Hs.428760 | | | | |
| | Hs.40919 | FLJ14511 | 9q22.33 | | |
| | Hs.437986 | | | | |
| | Hs.20181 | SLAH2 | 3q25 | | 8 |
| | Hs.23643 | MST4 | Xq26.1 | | 8 |
| | Hs.432605 | UGCO | 8q31 | Glycosyltransferase; Endoplasmic reticulum. | 17 |
| | Hs.432137 | DLX2 | | | |
| | Hs.125793 | DEME-6 | 1p32.3 | | |
| | Hs.339808 | KIAA0563 | 17q21.31 | | |
| | Hs.100217 | FMNL | 17q21 | | 6 |
| | Hs.189402 | UFD1L | 22q11.21 | Ubiquitination pathway. | |
| | Hs.351875 | COX6C | 8q22-q23 | Oxidoreductase; Inner membrane; Mitochondrion. | |
| | Hs.116160 | | | | |

WO 2005/054510

PCT/IB2004/004405

Figure 3



WO 2005/054510

PCT/IB2004/004405

Figure 4

